

The names *Asterolasia* F. Muell. and *Urocarpus* Harvey (Rutaceae)

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Abstract

Wilson, Paul G. The names *Asterolasia* F. Muell. and *Urocarpus* Harvey (Rutaceae). Nuytsia 6(1):7-8 (1987). Recent bibliographic research has shown that the name *Asterolasia* was published before *Urocarpus* and thus has priority if considered congeneric. The correct names with synonymy are given for the five species of *Asterolasia* recorded for Western Australia. One new species name and one new combination are published.

Introduction

In an earlier paper (Wilson 1971) I indicated that the names *Urocarpus* J. Drumm. ex Harvey, *Asterolasia* F. Muell., and *Pleurandropsis* Baillon were congeneric and that, since *Urocarpus* was published several months before *Asterolasia* and about 17 years before *Pleurandropsis*, it had priority. I therefore made a number of new combinations for Western Australian species previously placed in *Asterolasia* as well as for the single species then recorded for South Australia. This decision was stimulated by a manuscript prepared by N.T. Burbidge in which were detailed the results of an investigation into the publication dates of volume 1 of the Transactions of the Philosophical Society of Victoria and of the various parts of volume 7 of Hooker's Journal of Botany and Kew Garden Miscellany. Both periodicals were apparently published in 1855, *Asterolasia* appearing in the first and *Urocarpus* in the second. Burbidge considered that the whole of the Transactions were published between September and November 1855 while the relevant pages of volume 7 of Hooker's J. Bot. Kew Gard. Misc. (pp. 54-55) were published in February of that year. My own bibliographic investigations supported the conclusions arrived at by Burbidge.

Recently, H.I. Aston (1984) has demonstrated that pages 1-33 of the Transactions were published twice, the first time as a separate number (Number 1) between 18 September and 22 November 1854 and the second time with the rest of the volume in September 1855. Since it is on page 10 of the Transactions that *Asterolasia* was published, this name appeared 3-6 months before its synonym *Urocarpus*.

Consequent on the recognition of the priority of the name *Asterolasia* two nomenclatural changes are required for the Western Australian species. A generic synonymy, and a species synonymy for those taxa found in Western Australia, are provided.

Asterolasia F Muell., Trans. Philos. Soc. Victoria 1: 10 (Sept.-Nov. 1854). *Asterolasia* sect. *Euasterolasia* Benth., Fl. Austral. 1: 350 (1863) nom. illeg. *Lectotype*: *A. trymalioides* F. Muell. (see Wilson 1971).

Phebalium a. *Correoides* Endl., Gen. Pl. 1136 (1840). *Phebalium* sect. *Correoides* (Endl.) Pfeiffer, Nom. Bot. 2: 669 (1874). *Lectotype*: *Phebalium correaeifolium* Adr. Juss. [= *Asterolasia correifolia* (Adr. Juss.) Benth.] lecto. nov.

Urocarpus J. Drumm. ex Harvey, J. Bot. Kew Gard. Misc. 7:54 (Feb. 1855). *Asterolasia* sect. *Urocarpus* (Harvey) Benth., Fl. Austral. 1: 352 (1863). Type: *U. phebaliioides* Drumm. ex Harvey.

Actinostigma Turcz., Bull. Soc. Imp. Naturalistes Moscou 32(1): 259 (1859). Type: *Actinostigma lanceolata* Turcz. (holo: KW, photo seen) [= *Asterolasia correifolia* (Adr. Juss.) Benth.]

Pleurandropsis Baillon, Adansonia 10:305 (1872). Type: *P. phebaliioides* (F. Muell.) Baillon [= *Asterolasia phebaliioides* F. Muell.].

1. ***Asterolasia drummondii*** Paul G. Wilson, nom. nov. Basic name: *Urocarpus phebaliioides* J. Drumm. ex Harvey, Hooker's J. Bot. Kew Gard. Misc. 7:55 (Feb. 1855) non *Asterolasia phebaliioides* F. Muell. (1854). *Eriostemon drummondii* F. Muell. Fragm. 1: 105 (1859) nom. illeg. *Asterolasia phebaliioides* (Harvey) Benth., Fl. Austral. 1: 352 (1863) nom. illeg. non F. Muell., (1854). *Pleurandropsis phebaliioides* (Drumm.) Baill., fide C. Gardner, Enum. Pl. Austral. Occ. 70 (1931) nom. illeg. non (F. Muell.) Baill. (1872). *Asterolasia drummondii* Blackall, How to know W. Austral. Wildfl. pt 1: 256 (1954) nom. invalid.
2. ***Asterolasia grandiflora*** (Hook.) Benth., Fl. Austral. 1: 352 (1863). *Phebalium grandiflorum* Hook., Icon. Pl. 8: t. 724 (1848). *Eriostemon grandiflorus* (Hook.) F. Muell., Fragm. 1: 105 (1859). *Urocarpus grandiflorus* (Hook.) Paul G. Wilson, Nuytsia 1: 207 (1971).
3. ***Asterolasia nivea*** (Paul G. Wilson) Paul G. Wilson, comb. nov. *Urocarpus niveus* Paul G. Wilson, Nuytsia 3: 211 (1980).
4. ***Asterolasia pallida*** Benth., Fl. Austral. 1: 352 (1863). *Eriostemon pallidus* (Benth.) F. Muell., Fragm. 7: 22 (1869). *Asterolasia dielsii* C. Gardner, J. & Proc. Roy. Soc. Western Australia 19:84 (1933).
5. ***Asterolasia squamuligera*** (Hook.) Benth., Fl. Austral. 1: 352 (1863). *Phebalium squamuligerum* Hook., Icon. Pl. 8: t. 727 (1848). *Eriostemon hookeri* F. Muell., Fragm. 1: 104 (1859) nom. illeg. *Urocarpus squamuligerus* (Hook.) Paul G. Wilson, Nuytsia 1: 207 (1971).

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References

- Aston, H.I. (1984). Publication dates of early scientific journals in Victoria. *Muelleria* 5: 281-288.
 Wilson, Paul G. (1971). Taxonomic notes on the family Rutaceae, principally of Western Australia. *Nuytsia* 1: 197-207.